

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/695,173	GERSHENZON ET AL.	
	Examiner	Art Unit	
	Hoai-An D. Nguyen	2858	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS**. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to \_\_\_\_\_.
2.  The allowed claim(s) is/are 1-47.
3.  The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
 of the:
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of
 Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 10/29/2003
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.



**ANJAN DEB**  
**PRIMARY EXAMINER**

## **DETAILED ACTION**

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Leonid Velikov at 408-727-8955 (or direct number at 650-591-8107) on July 21, 2004. The purpose of the examiner's amendment was to correct informalities in the specifications, drawings and claims.

2. The application has been amended as follows:

#### **IN THE CLAIMS:**

##### In claim 1:

- Line 25: -- first -- has been inserted after the first appearance of "said".

#### **IN THE DRAWINGS:**

The following changes to the drawings have been approved by the examiner and agreed upon by applicant:

##### In FIG.1:

- "46" on the top right has been replaced with -- 47 --.

##### In FIG.6:

- -- CPU -- has been inserted in box 70.

- -- Data Storage Unit -- has been inserted in box 74.
- -- Work Station -- has been inserted in box 72a.
- -- Work Station -- has been inserted in box 72b.
- -- Work Station -- has been inserted in box 72n.

In FIG.7:

- -- 93 -- has been numbered for the very top box.
- -- Measurement Unit -- has been inserted in the very top box.
- -- AMP -- has been inserted in box 78.
- -- Power Source -- has been inserted in box 80.
- -- AC Generator -- has been inserted in box 82.

In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

**IN THE SPECIFICATIONS:**

- Page 17, line 1: "46" has been replaced with -- 47 --.
- Page 17, line 2: "46" has been replaced with -- 47 --.
- Page 17, line 6: "46" has been replaced with -- 47 --.
- Page 20, line 22: -- 93 (Fig. 7) -- has been inserted after "unit".
- Page 22, line 21: "46" has been replaced with -- 47 --.

3. The following is an examiner's statement of reasons for allowance:

With regard to claim 1, the prior art does not teach or render obvious the combinations as claimed system including:

- A rotary table rotatably supported in a frame, the rotary table having means for centering the objects and having a center of rotation and a periphery;
- A carriage moveable along a guide means and supporting a resonance sensor unit having a resonance sensor based on resonance sensor technology, the carriage having vertical adjustment means capable of adjusting a measurement distance between the resonance sensor and the surface of the object; and
- The rotary movement of the rotary table and the linear movement of the carriage being strictly correlated with each other through a central processing unit.

With regard to claim 44, the prior art does not teach or render obvious the combinations as claimed method including:

- Measuring characteristics of an object with the use of a resonance sensor along a continuous track on the object while rotating the object with a predetermined frequency of rotation and while moving the resonance sensor linearly across the object with a predetermined linear speed which is strictly correlated with the frequency of rotation.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

## CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoai-An D. Nguyen whose telephone number is 571-272-2170. The examiner can normally be reached on M-F (8:00 - 5:30) First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, N. Le can be reached on 571-272-2233. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Hoai-An D. Nguyen  
Examiner  
Art Unit 2858  
HADN

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*Anjan Deb*  
ANJAN DEB  
PRIMARY EXAMINER